

WHAT IS CLAIMED IS:

1. A data structure for video call receiving service in a mobile communication system, comprising:

a National Destination Code (NDC) that identifies a call relay in the communication system;

a Subscriber Number (SN) that identifies a destination terminal of a call; and

a Sub-Address (SA) that distinguishes a plurality of media supported by the destination terminal, wherein

the destination terminal selects a communication medium from the plurality of media to connect the call, based on the SA.

2. The data structure of claim 1, wherein the SA distinguishes a voice medium from a video medium.

3. A method for establishing a communication between an origination terminal and a destination terminal, comprising:

wirelessly transmitting an originating message, including a sub-address corresponding to either a voice call or a video call, from the origination terminal to the destination terminal; and

connecting a call as the voice call or the video call, between the origination terminal and the destination terminal, in accordance with the sub-address.

4. The method of claim 3, further comprising:

receiving the originating message and judging with the destination terminal whether there is origination continuation message information in the originating message;

distinguishing whether the call is the video call or the voice call based on an origination continuation message transmitted after the originating message; and

connecting the call between the origination terminal and the destination terminal according to the result of the distinguishing operation.

5. The method of claim 4 further comprising terminating the call as a general voice call if the originating message does not include the origination continuation message information or the video call and the voice call are not distinguishable based on the origination continuation message.

6. The method of claim 4, further comprising:

waiting for the origination continuation message for a predetermined period, if the originating message includes the origination continuation message information; and

judging whether the call is the video call or the voice call if a sub-address function, which is able to distinguish the call, is set active on the destination terminal.

7. The method of claim 4, further comprising:

displaying on a user interface of the destination terminal the result of the distinguishing operation;

selecting whether to receive the video call or the voice call identified, on the user interface; and

connecting the call between the origination terminal and the destination terminal if the call is selected to be received.

8. The method of claim 7 further comprising notifying the origination terminal of a refusal to receive the call via a refusal message.

9. A method for establishing a communication between an origination terminal and a destination terminal, comprising:

wirelessly transmitting an originating message, including a sub-address corresponding to either a voice call or a video call, by the origination terminal;

receiving the originating message and judging whether there is origination continuation message information in the originating message with the destination terminal;

distinguishing whether a call is the video call or the voice call based on an origination continuation message transmitted by the originating terminal after the originating message, if the originating message includes the origination continuation message information; and

connecting the call between the origination terminal and the destination terminal according to the result of the distinguishing operation.

10. The method of claim 9, wherein the sub-address distinguishes the video call and the voice call.

11. The method of claim 9 further comprising terminating the call as a general voice call, if the originating message does not include the origination continuation message information or the video call and the voice call are not otherwise distinguishable.

12. The method of claim 9, further comprising:
waiting for the origination continuation message for a predetermined period, if the originating message includes the origination continuation message information; and
judging whether the call is the video call or the voice call, if a sub-address function, which is able to recognize the call, is set active on the destination terminal.

13. The method of claim 9, further comprising:

displaying on a user interface of the destination terminal the result of the distinguishing operation;

selecting whether to receive the video call or the voice call identified on the user interface; and

connecting the call between the origination terminal and the destination terminal, if the call is selected to be received.

14. The method of claim 13 further comprising notifying the origination terminal of a refusal to receive the call, via a refusal message.

15. A multimedia communication method, comprising:

receiving an originating message communicated wirelessly by an origination terminal;

distinguishing a call from the origination terminal as a video call or a voice call based on the originating message; and

connecting a destination terminal to the call using a communication medium identified by the originating message.

16. The method of claim 15, wherein:

the communication medium is a video medium, if the call is the video call; and
the communication medium is a voice medium, if the call is the voice call or if
the originating message does not distinguish the call type.

17. The method of claim 15, further comprising:

determining whether the originating message includes origination continuation
message information;

waiting a predetermined period of time for an origination continuation message,
if the originating message includes the origination continuation message information; and

connecting the destination terminal to the call using a voice medium, if the
originating message does not include the origination continuation message information.

18. The method of claim 15, further comprising:

displaying the call type on a user interface, based on the result of the
distinguishing operation; and

selecting whether to connect the destination terminal to the call through the user
interface; and

transmitting a refusal message to the origination terminal, if a user selects not to
connect to the call.

19. The method of claim 15, wherein the originating message comprises:

a National Destination Code (NDC) that identifies a call relay in a communication network;

a Subscriber Number (SN) that identifies the destination terminal of the call; and

a Sub-Address (SA) that distinguishes a plurality of communication media supported by the destination terminal; and

the destination terminal selects the communication medium from the plurality of communication media to connect the call, based on the SA.

20. A multimedia communication method, comprising:

distinguishing a call as a video call or a voice call based on the type of a first communication medium generating the call;

identifying the call type and a second communication medium in a sub-address field of an originating message;

transmitting the originating message to a destination terminal by wireless transmission; and

connecting the call to the first communication medium identified by the originating message.

21. A multimedia communication terminal, comprising:

a means for indicating whether a video call is received from a wireless communication network;

a user interface means for displaying a type of call received and selecting whether to receive the call; and

a means for connecting the video call to a video communication medium associated with the terminal.